

Holds a B. Sc. in Mechanical Power Engineering and has about 13 years hands-on experience working in construction, technical office, HVAC and maintenance. Has good knowledge of mechanical codes (ASHREA, NFPA, IPC, UPC and Egyptian codes).

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 15/07/1984  
Gender : Male  
Marital Status : Married  
Residence : Cairo

## EDUCATION

: B. Sc. in Mechanical Power Engineering, Ain Shams University, 2007

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: AutoCAD (2007)  
: Revit MEP (2013)  
: AutoCAD MEP Workshop Drawing

## TRAINING COURSES AND CERTIFICATIONS

: Design of Plumbing System Cycle.  
: Design of Firefighting Systems (Water & Gases) Cycle.  
: Design of HVAC system (load calculation sheet, ventilation calculations, system selections, air outlets selection, pumps and fans selections, static pressure calculations, VRV and VRF systems).  
: Revit MEP (2013) Course.  
: Trainings at:

- Cairo Oil Refinery Company.
- Arab Contractors (Plumbing and Firefighting).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Nov. 2017 till now  
**Employer** : ROWAD MODERN ENGINEERING CO. (RME)  
**Project** : Royal City Mall – SHEIKH ZAIED CITY  
**Job title** : Senior T.O Mechanical Engineer  
**Job Description** :

- Responsible for furnishing and installation of all mechanical systems in the project (HVAC, Plumbing, Firefighting, Infra Structure Networks & lift Pump station).
- Prepare the Workshop drawings and material submittals.
- Prepare QS for all systems (duct work, piping with fitting, materials and equipment).
- Prepare the invoices & VO.
- Hand over all mechanical systems step by step.
- Confirm the equipment delivered at site and prepare MIR (Material Inspection Requests) and WIR (Work Inspection Requests) for approval by the consultant engineer.
- Witness testing and commissioning for all mechanical systems.

**Dates** : From Sep. 2016 till Nov. 2017  
**Employer** : EL-OFOQ FOR TRADING AND CONTRACTING, Egypt  
**Project** : Factory Construction Project for Medco Plast Co. for Packing & Packaging Systems  
**Job title** : Project Site Mechanical Manager  
**Job Description** :

- Responsible for furnishing and installation of all mechanical systems in the project (HVAC, Plumbing, Firefighting and Compressed Air System).
- Prepare the Workshop drawings and material submittals.
- Prepare QS for all systems (duct work, piping with fitting, materials and equipment).
- Prepare the invoices & VO.
- Hand over all mechanical systems step by step.
- Confirm the equipment delivered at site and prepare MIR (Material Inspection Requests) and WIR (Work Inspection Requests) for approval by the consultant engineer.
- Witness testing and commissioning for all mechanical systems.

**Dates** : From Nov. 2014 till Sep. 2016  
**Employer** : SAUDI BINLADEN GROUP – Architecture and Building Construction Division (ABCD), KSA  
**Project** : KAP-03 (King Abdullah Project for the Development of Security Headquarters – Phase 3) in the Eastern Region  
**Job title** : Site and Technical Office Mechanical Engineer  
**Job Description** :

- Responsible for furnishing and installation of all mechanical systems in the project (HVAC, Plumbing, Firefighting and Security Systems inside prisons, and Drinking Water Chiller).
- Prepare the Workshop drawings and material submittals.
- Prepare QS for all systems (duct work, piping with fitting, materials and equipment)

- Prepare the invoices.
- Hand over all mechanical systems step by step.
- Make all reports for site (daily, weekly and monthly).
- Confirm the equipment delivered at site and prepare MIR (Material Inspection Requests) and WIR (Work Inspection Requests) for approval by the consultant engineer.
- Witness testing and commissioning for all mechanical systems.

**Dates** : From Apr. 2013 till Nov. 2014  
**Employer** : KHATIB & ALAMI – ASA (Egypt)  
**Project** : DAMAC MALL (PARK AVENUE PROJECT), Cairo-Alex. Desert Road  
**Job title** : Resident Supervisor Mechanical Engineer  
**Job Description** :

- Responsible for monitoring and inspection of on-site mechanical installation and testing work activities (HVAC, Firefighting and Plumbing).
- Review B.O.Q. and specifications.
- Do Quantity Survey (QS) of mechanical works.
- Prepare progress reports.
- Review contractor's mechanical shop and as-built drawings.
- Review and approve mechanical equipment and materials per contract specifications.
- Witness all testing, pre-commissioning, commissioning and start-up activities to assure contractor's compliance with the approved plans and procedures.
- At office:
  - Prepare B.O.Q. for plumbing and firefighting systems.
  - Quantity Survey (QS) of mechanical works.

**Dates** : From Apr. 2012 till Mar. 2013  
**Employer** : ARAB ELECTRIC FOR ELECTRO-MECHANICAL PROJECT CO.  
**Job title** : Site and Technical Office Engineer (Air Conditioning, Firefighting and Plumbing Systems)  
**Job Description** :

- Responsible for furnishing and installation of all mechanical systems in the project (HVAC, Plumbing and Firefighting).
- Prepare the Workshop drawings and material submittals.
- Prepare QS for all systems (duct work, piping with fitting, materials and equipment).
- Prepare the invoices.

**Dates** : From May 2010 till Mar. 2012  
**Employer** : SEDER GROUP CO. FOR TRADING & CONTRACTING (KSA)  
**Project** : Ohud Hospital and Taiba University, El-Medina El-Munawarah  
**Job title** : Mechanical Engineer  
**Job Description** :

- Supervising installation of mechanical works.
- Maintenance of all mechanical machines.
- Replacement and renewal of mechanical systems (HVAC, Laundries, Boilers, Firefighting, Pumps, Medical Gases Unit and Plumbing).
- Prepare the Workshop drawings and material submittals.
- Prepare QS for all systems (duct work, piping with fitting, materials and

- equipment).
- Prepare the invoices.

**Dates** : From Dec. 2008 till Apr. 2010  
**Employer** : EL-NASR CO. FOR INTERMEDIATE CHEMICALS (Egypt)  
**Project** : LIQUID INDUSTRIAL GASES PLANT  
**Job title** : Mechanical Engineer  
**Job Description** :

- Installation of three-stages centrifugal compressor (including piping, valves and control devices).
- Maintenance of mechanical equipment (Heat Exchangers, Compressors, Pumps, and Cooling Towers).
- Filling and maintaining cryogenic tanks using Vacuum Pump, Helium Detector Device and Helium Cylinder.

**Dates** : From Aug. 2007 till Nov. 2008  
**Employer** : AL-RADWANIA CO. FOR TRADING & CONTRACTING  
**Job title** : Site and Technical Office Engineer  
**Job Description** :

- Prepare the Workshop drawings and material submittals.
- Prepare QS for piping with fitting, materials and equipment.
- Installation of swimming pools works.